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May 6, 2015  
TRC Solutions Project No. 182978

Mr. Gary Moore  
U.S. EPA Region 6  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

**Re: Weekly Progress Report  
Falcon Refinery Superfund Site  
Ingleside, San Patricio County, Texas  
TXD 086 278 058**

Dear Mr. Moore:

On behalf of the National Oil Recovery Corporation (NORCO), TRC Solutions (TRC) submits this Weekly Progress Report on the Removal Action Activities at the Falcon Refinery Federal Superfund Site to the United States Environmental Protection Agency for your review.

If you have any questions, comments, or concerns, please do not hesitate to contact me at (512) 699-9931.

Sincerely,  
TRC

Alonzo G. Arredondo  
Senior Geologist



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Attachment: Weekly Progress Report  
cc: National Oil Recovery Corporation

## **WEEKLY PROGRESS REPORT - Falcon Refinery Federal Superfund Site, Ingleside, TX;**

### **1. TASKS NECESSARY TO COMPLETE THE REMOVAL ACTIONS (NOVEMBER 7, 2011 TO COMPLETION OF PROJECT)**

- Tank 21 – This tank base contains K-169 from Tanks 17, 18, 21, 23, 24, 10 and 27. This waste must be transported and disposed of at U.S. Ecology facility in Robstown, TX.
- Tank 7 – This tank requires the removal of liquids, tank bottoms and demolition.
- Tank N1 – This tank requires the removal of liquids, tank bottoms and demolition.
- Tank N2– This tank requires the removal of liquids, tank bottoms and demolition.
- Butane Tank - This tank requires the removal of tank bottoms and demolition.
- Tank 30 – This tank requires the removal of liquids, tank bottoms and demolition.
- Tank 12 - This tank requires the removal of liquids, tank bottoms and demolition.
- Facility Pipes – The pipes that contain material will be carefully handled to allow for the removal of the contents within them.

### **2. THE SCHEDULE OF ACTIVITIES TO COMPLETION DATE (DEC 31, 2011)**

- Tank N1 – Removal of liquid, bottoms and demolition: Nov. 28 to Dec. 2, 2011
- Tank N2 – Removal of liquid, bottoms and demolition: Nov. 28 to Dec. 2, 2011
- Tank 7 – Removal of liquid, bottoms and demolition: Nov. 28 to Dec. 9, 2011
- Tank 21 base – Transportation/disposal of K-169 waste: Nov. 28 to Dec. 9, 2011
- Butane Tank - Removal of bottoms and demolition: Dec. 5 to Dec. 9, 2011
- Tank 30 – Removal of liquid, bottoms, roof and demolition: Dec. 5 to Dec 31, 2011
- Tank 12 – Removal of liquid, bottoms, roof and demolition: Dec. 12 to Dec 31, 2011
- Tank 26 – Treatment of water, recycling of oil, centrifuging sludge, and disposal of residual solids at U.S. Ecology: Upon TCEQ's Authorization

- Facility Pipes – The material that remains in the facility piping will be removed as the tanks and connecting pipelines are demolished.
- Refinery Units – The proposed demolition of the refinery units may begin in the eastern section of Process Area #1 (south of Tanks N1 and N2). A proposal for the demolition of a portion of Process Area #1 has been obtained and is being evaluated.

### **3. PROJECT ACTIVITIES COMPLETED THIS REPORTING PERIOD (DEC 5 – DEC 9, 2011)**

- Demolition of Tank 27 - On November 15, 2011 NORCO authorized the demolition of Tanks 27 and Tank 10. Additional recycling of metal from piping and the aluminum shroud was performed on December 7 and 8, 2011.
- Demolition of Tank 10 - On December 8, 2011 we began demolishing Tank 10. This tank came down without any problems. The tank will be demolished and the steel will be recycled in Corpus Christi, TX. The lower side walls of the tank were flattened to the floor.

### **4. ACTIVITIES PLANNED FOR NEXT WEEK (DEC 12 - 16, 2011)**

- Tank 10 Demolition – The demolition of Tank 10 will continue this week provided weather allows the equipment into the work area. The tank demolition and recycling is expected to be completed by December 16, 2011.
- Tank N1 - A cost proposal to complete the removal of water, sludge and demolition of this tank has been received from the contractor. This tank is scheduled for removal / demolition and recycling on the week of November 28, 2011.
- Tank N2 - A cost proposal to complete the removal of water, sludge and demolition of this tank has been received from the contractor. This tank is scheduled for removal / demolition and recycling on the week of November 28, 2011.
- Tank 7 - A cost proposal to complete the removal of water, sludge and demolition of this tank has been received from the contractor. We anticipate removing water from this tank on the week of November 28, 2011.
- Tank 21 - A cost proposal to transport and dispose of the K-169 hazardous waste in this tank base has been submitted and approved. An approved delivery schedule must be received from U.S. Ecology before waste can be transported from the Falcon site. We anticipate loading boxes for transport during the week of November 28, 2011 and disposal on December 2, 2011.

### **5. ISSUES ENCOUNTERED**

- Treatment of Water - We have evaluated the groundwater conditions at the site and plan to demonstrate that groundwater is deeper than the depth at which the TCEQ has opined. The irrigation fields and evapo-transpiration parameters in the discharge application have been revised to conform to the approach that has been recommended by the TCEQ. This effort will support granting an approval of the wastewater permit for the treatment and discharge of water in Tank 26. On November 17, 2011 NORCO submitted a response to the TCEQ's October 25, 2011 comments to the application for the permit to discharge wastewater. We anticipate that treatment of wastewater will begin after the TCEQ authorizes the wastewater discharge permit application. The length of treatment will be dependent upon the approved treatment parameters.